

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 16 Mar 2023 until 23:59 on Friday 17 Mar 2023

Forecast Issued on Wednesday 15 Mar 2023 at 15:35

Confidence: High becoming Medium in details from Friday and Low from Sunday.

Headline for Thursday 16 Mar 2023: Rain and drizzle. Strong winds over the tops.

Mountain weather hazards on Thursday 16 Mar 2023

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

Low Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Light rain	Drizzle	Mist	Mist
Precipitation probability							
60%	70%	50%	70%	70%	60%	40%	40%

Forecast for Thursday 16 Mar 2023

Weather: Outbreaks of heavy and persistent rain overnight, turning lighter and more patchy during the morning with a few drier spells possible in the afternoon and evening, although still with mist and drizzle.

Chance of cloud-free hill tops above 600m: 30%

Low Cloud and visibility: Extensive cloud, base around 500m, occasional or patches below 300m at times on west and southwest facing slopes. Visibility often moderate or poor and very poor at height.

Forecast for Thursday 16 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/32 S	22/33 S	23/34 SW	23/32 S	26/37 SW	24/35 SW	21/32 SW	21/32 SW	19/29 SW
300	10/25 S	9/24 S	14/30 S	13/29 S	15/32 SW	16/32 SW	14/28 SW	13/29 SW	12/26 SW
Valley	10/28 S	10/28 S	12/28 S	11/27 S	12/29 S	14/29 SW	12/26 S	11/25 SW	11/24 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-4	4/-2	5/0	6/0	6/1	7/2	7/2	6/2	6/1
300	4/0	5/2	7/4	7/4	8/5	9/6	9/6	8/5	8/5
Valley	6/3	8/5	8/6	9/6	10/7	10/8	10/8	10/7	9/6
Freezing Level*	1900m	2000m	2000m	2100m	2300m	1900m	1700m	1500m	1500m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Navigational difficulties possible at height due to extensive low cloud.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 15 Mar 2023	5mm	21.8mm	41.6mm

Forecast for Friday 17 Mar 2023

Weather: Cloudy overnight and early morning with some rain, drizzle and mist. The cloud then lifting and breaking with some bright spells along with occasional heavy showers. The cloud lowering again in the evening with occasional rain or showers.

Maximum wind: South or Southwest 20mph gusting 30mph.

Chance of cloud-free hill tops above 600m: 40% overnight and early morning, rising to 90% in the afternoon, lowering again in the evening.

Low Cloud and visibility: Occasional or extensive cloud, base 300 to 600m, lifting and breaking above the tops by the afternoon. Visibility moderate to very poor at first in rain, drizzle and mist becoming mainly good or very good, except in heavy showers.

Temperature: **Valleys:** Plus 6 rising to 14 Celsius
At 600m: Plus 4 to 8 Celsius
Freezing level: Above the summits.